PAIN

Pain 115 (2005) 423–426

www.elsevier.com/locate/pain

Author Index to Volume 115 (2005)

Ahn, A.H., Basbaum, A.I., Where do triptans act in the treatment of migraine?, **115** 1
Ahonen, R.S., see Turunen, J.H.O., **115** 374
al'Absi, M., see Bruehl, S., **115** 390
Aloisi, A.M., Pari, G., Ceccarelli, I., Vecchi, I., Ietta, F., Lodi, L., Paulesu, L., Gender-related effects of chronic non-malignant pain and opioid therapy on plasma levels of macrophage migration inhibitory factor (MIF), **115** 142
Amsel, R., see Pukall, C.F., **115** 118
Arendt-Nielsen, L., see Lautenbacher, S., **115** 410
Ariel, E., see Defrin, R., **115** 152
Athman, G.A., see King, E.W., **115** 364
Audette, K., see King, E.W., **115** 364

Baker, C.M., see Wacnik, P.W., **115** 95
Balkenohl, M., see Freynhagen, R., **115** 254
Barton, S., see Morley, S., **115** 84
Basbaum, A.I., see Ahn, A.H., **115** 1
Beitz, A.J., see Wacnik, P.W., **115** 95
Bennett, G.J., see Mailis, A., **115** 214
Bergström, G., see Jensen, I.B., **115** 273
Berman, S., see Mayer, E.A., **115** 398
Binik, Y.M., see Pukall, C.F., **115** 118
Binns, B.C., see Liaw, W.-J., **115** 60
Blazar, B.R., see Wacnik, P.W., **115** 95
Bodin, L., see Jensen, I.B., **115** 273
Borgna, M., see Lauria, G., **115** 332
Bostrom, A., see Zelman, D.C., **115** 29
Boustany, L., see Sevcik, M.A., **115** 128
Brandenburg, N., see Zelman, D.C., **115** 29
Breese, N.M., George, A.C., Pauers, L.E., Stucky, C.L., Peripheral inflammation selectively increases TRPV1 function in IB4-positive sensory neurons from adult mouse, **115** 37
Bruehl, S., see Burns, J.W., **115** 322
Bruehl, S., France, C.R., France, J., Harju, A., al'Absi, M., How accurate are parental chronic pain histories provided by offspring?, **115** 390
Burns, J.W., Glenn, B., Lofland, K., Bruehl, S., Harden, R.N., Stages of change in readiness to adopt a self-management approach to chronic pain: the moderating role of early-treatment stage progression in predicting outcome, **115** 322
Burstein, R., Jakubowski, M., Levy, D., Anti-migraine action of triptans is preceded by transient aggravation of headache caused by activation of meningeal nociceptors, **115** 21
Bushnell, M.C., see Pukall, C.F., **115** 118

Casey, K.L., see Granovsky, Y., **115** 238
Caterina, M., see Pogatzki-Zahn, E.M., **115** 296
Ceccarelli, I., see Aloisi, A.M., **115** 142
Chang, L., see Mayer, E.A., **115** 398
Chaturvedi, S.K., Food insensitive editorial on outcome measures, **115** 217
Chevalier, S., Gougeon, R., Pérez, J., Shir, Y., Reply to Dr Haim Shapiro, **115** 213
Chistyakov, A.V., see Eisenberg, E., **115** 220
Chiu, Y.H., Silman, A.J., Macfarlane, G.J., Ray, D., Gupta, A., Dickens, C., Morriss, R., McBeth, J., Poor sleep and depression are independently associated with a reduced pain threshold. Results of a population based study, **115** 316
Chu, Y., see Liaw, W.-J., **115** 60
Clark, J.D., see Li, X., **115** 182
Coste, O., see Schmidtko, A., **115** 171
Crombez, G., see Van den Bussche, E., **115** 216

Dahl, J.B., Kehlet, H., Comment on: Gilron I, Orr E, Tu D, O'Neill JP, Zamora JE, Bell AC. A placebo-controlled randomized clinical trial of perioperative administration of gabapentin, rofecoxib and their combination for spontaneous and movement-evoked pain after abdominal hysterectomy. Pain 113 (2005) 191–200, **115** 218
Davies, C., see Morley, S., **115** 84
De Laat, A., see Komiyama, O., **115** 308
de Man-Hermsen, I., see Vaneker, M., **115** 204
Defrin, R., Ariel, E., Peretz, C., Segmental noxious versus innocuous electrical stimulation for chronic pain relief and the effect of fading sensation during treatment, **115** 152
Del Turco, D., see Schmidtko, A., **115** 171
Deller, T., see Schmidtko, A., **115** 171
Dey, D., see Oaklander, A.L., **115** 420
Dickens, C., see Chiu, Y.H., **115** 316
Dilley, A., see Greening, J., **115** 248
Dina, O.A., Hucho, T., Yeh, J., Malik-Hall, M., Reichling, D.B., Levine, J.D., Primary afferent second messenger cascades interact with specific integrin subunits in producing inflammatory hyperalgesia, **115** 191
Dixon, K.E., Thorn, B.E., Ward, L.C., Erratum to "An evaluation of sex differences in psychological and physiological responses to experimentally-induced pain: a path analytic description" [Pain 112 (2004) 188–196], **115** 222
Doyle Jr., E.J., see Williams, K.A., **115** 107
Dubé, L., see Paquet, C., **115** 355
Dukes, E., see Zelman, D.C., **115** 29

Edwards, R.R., see Kudel, I., **115** 214
Ehnert, C., see Schmidtko, A., **115** 171
Eisenberg, E., Chistyakov, A.V., Yudashkin, M., Kaplan, B., Hafner, H., Feinsod, M., Asymmetric impairment of cortical excitability in CRPS, **115** 220
Ericson, M.E., see Wacnik, P.W., **115** 95

Fairbanks, C.A., see King, E.W., **115** 364
Feinsod, M., see Eisenberg, E., **115** 220
Fitzgerald, M., see Howard, R.F., **115** 382
France, C.R., see Bruehl, S., **115** 390
France, J., see Bruehl, S., **115** 390
Frank, M.G., see Ledeboer, A., **115** 71
Freynhagen, R., Strojek, K., Griesing, T., Whalen, Ed., Balkenohl, M., Efficacy of pregabalin in neuropathic pain evaluated in a 12-week, randomised, double-blind, multicentre, placebo-controlled trial of flexible- and fixed-dose regimens, **115** 254

doi:10.1016/S0304-3959(05)00203-4

Galer, B.S., Lee, D., Ma, T., Nagle, B., Schlagheck, T.G., MorphiDex® (morphine sulfate/dextromethorphan hydrobromide combination) in the treatment of chronic pain: Three multicenter, randomized, double-blind, controlled clinical trials fail to demonstrate enhanced opioid analgesia or reduction in tolerance, **115** 284
Geisslinger, G., see Schmidtko, A., **115** 171
George, A.C., see Breese, N.M., **115** 37
Ghilardi, J.R., see Sevcik, M.A., **115** 128
Gilron, I., Tu, D., Response to comment by Dahl and Kehlet, **115** 219
Glenn, B., see Burns, J.W., **115** 322
Goodrich, D., see Williams, K.A., **115** 107
Gore, M., see Zelman, D.C., **115** 29
Goshen, I., see Shavit, Y., **115** 50
Goubert, L., see Van den Bussche, E., **115** 216
Gougeon, R., see Chevalier, S., **115** 213
Granovsky, Y., Matre, D., Sokolik, A., Lorenz, J., Casey, K.L., Thermoreceptive innervation of human glabrous and hairy skin: a contact heat evoked potential analysis, **115** 238
Greening, J., Dilley, A., Lynn, B., In vivo study of nerve movement and mechanosensitivity of the median nerve in whiplash and non-specific arm pain patients, **115** 248
Griesing, T., see Freynhagen, R., **115** 254
Gross, R., see Williams, K.A., **115** 107
Gupta, A., see Chiu, Y.H., **115** 316

Hafner, H., see Eisenberg, E., **115** 220
Halvorson, K.G., see Sevcik, M.A., **115** 128
Hansson, P., see Samuelsson, M., **115** 264
Harden, R.N., see Burns, J.W., **115** 322
Harju, A., see Bruehl, S., **115** 390
Herron, M.J., see Wacnik, P.W., **115** 95
Hölzl, R., Kleinböhl, D., Huse, E., Implicit operant learning of pain sensitization, **115** 12
Hordinsky, M.K., see Wacnik, P.W., **115** 95
Howard, R.F., Walker, S.M., Mota, P.M., Fitzgerald, M., The ontogeny of neuropathic pain: Postnatal onset of mechanical allodynia in rat spared nerve injury (SNI) and chronic constriction injury (CCI) models, **115** 382
Hucho, T., see Dina, O.A., **115** 191
Huse, E., see Hölzl, R., **115** 12

Ietta, F., see Aloisi, A.M., **115** 142

Jakubowski, M., see Burstein, R., **115** 21
Jensen, I.B., Bergström, G., Ljungquist, T., Bodin, L., A 3-year follow-up of a multidisciplinary rehabilitation programme for back and neck pain, **115** 273
Johns, R.A., see Liaw, W.-J., **115** 60
Jonas, B.M., see Sevcik, M.A., **115** 128
Juckett, R.G., see Williams, K.A., **115** 107

Kaczmarzyk, T., Stypulkowska, J., Assessment of the effectiveness of peripheral administration of morphine with local articaine anaesthesia for surgery in inflamed oral and maxillofacial tissues, **115** 348
Kalso, E., see Pöyhiä, R., **115** 234
Kaplan, B., see Eisenberg, E., **115** 220
Kehlet, H., see Dahl, J.B., **115** 218
Kergoat, M.-J., see Paquet, C., **115** 355
Khalifé, S., see Pukall, C.F., **115** 118
King, E.W., Audette, K., Athman, G.A., Nguyen, H.O.X., Sluka, K.A., Fairbanks, C.A., Transcutaneous electrical nerve stimulation activates peripherally located alpha-2A adrenergic receptors, **115** 364
Klein, T., Magerl, W., Rolke, R., Treede, R.-D., Human surrogate models of neuropathic pain, **115** 227
Kleinböhl, D., see Hölzl, R., **115** 12
Kolar, M.M., see Williams, K.A., **115** 107
Komiyama, O., De Laat, A., Tactile and pain thresholds in the intra- and extra-oral regions of symptom-free subjects, **115** 308
Kren, B.T., see Wacnik, P.W., **115** 95
Kubota, K., see Sevcik, M.A., **115** 128
Kudel, I., Edwards, R.R., Moric, M., The role of neuroticism, pain catastrophizing and pain-related fear in vigilance to pain: a structural equations approach. A comment on Goubert et al. (2004), **115** 214
Kumpusalo, E.A., see Turunen, J.H.O., **115** 374
Kunz, M., see Lautenbacher, S., **115** 410
Kuskowski, M.A., see Sevcik, M.A., **115** 128

Labus, J., see Mayer, E.A., **115** 398
Landrum, O., see Oaklander, A.L., **115** 420
Lauria, G., Majorana, A., Borgna, M., Lombardi, R., Penza, P., Padovani, A., Sapelli, P., Trigeminal small-fiber sensory neuropathy causes burning mouth syndrome, **115** 332
Lautenbacher, S., Kunz, M., Strate, P., Nielsen, J., Arendt-Nielsen, L., Age effects on pain thresholds, temporal summation and spatial summation of heat and pressure pain, **115** 410
Ledeboer, A., Sloane, E.M., Milligan, E.D., Frank, M.G., Mahony, J.H., Maier, S.F., Watkins, L.R., Minocycline attenuates mechanical allodynia and proinflammatory cytokine expression in rat models of pain facilitation, **115** 71
Lee, D., see Galer, B.S., **115** 284
Leffler, A.-S., see Samuelsson, M., **115** 264
Levine, J.D., see Dina, O.A., **115** 191
Levine, J.D., see Parada, C.A., **115** 223
Levy, D., see Burstein, R., **115** 21
Li, X., Shi, X., Liang, D.-Y., Clark, J.D., Spinal CK2 regulates nociceptive signaling in models of inflammatory pain, **115** 182
Liang, D.-Y., see Li, X., **115** 182
Liaw, W.-J., Stephens Jr., R.L., Binns, B.C., Chu, Y., Sepkuty, J.P., Johns, R.A., Rothstein, J.D., Tao, Y.-X., Spinal glutamate uptake is critical for maintaining normal sensory transmission in rat spinal cord, **115** 60
Lindsay, T.H., see Sevcik, M.A., **115** 128
Livshits, D., see Shavit, Y., **115** 50
Ljungquist, T., see Jensen, I.B., **115** 273
Lodi, L., see Aloisi, A.M., **115** 142
Lofland, K., see Burns, J.W., **115** 322
Lombardi, R., see Lauria, G., **115** 332
Lorenz, J., see Granovsky, Y., **115** 238
Lynn, B., see Greening, J., **115** 248

Ma, T., see Galer, B.S., **115** 284
Macfarlane, G.J., see Chiu, Y.H., **115** 316
Magerl, W., see Klein, T., **115** 227
Mahony, J.H., see Ledeboer, A., **115** 71
Maier, C., see Schwenkreis, P., **115** 219
Maier, S.F., see Ledeboer, A., **115** 71
Mailis, A., Bennett, G.J., Reply to Dr Rocco, **115** 214
Majorana, A., see Lauria, G., **115** 332
Malik-Hall, M., see Dina, O.A., **115** 191
Mandelkern, M.A., see Mayer, E.A., **115** 398
Mantyh, P.W., see Sevcik, M.A., **115** 128
Mäntyselkä, P.T., see Turunen, J.H.O., **115** 374
Matre, D., see Granovsky, Y., **115** 238
Mauderli, A.P., see Rodrigues, A.C., **115** 5
Mayer, E.A., Berman, S., Suyenobu, B., Labus, J., Mandelkern, M.A., Naliboff, B.D., Chang, L., Differences in brain responses to visceral pain between patients with irritable bowel syndrome and ulcerative colitis, **115** 398
McBeth, J., see Chiu, Y.H., **115** 316
McQuay, H., Response to Dr Chaturvedi's Letter to the Editor, **115** 218
Miki, S., see Yasuda, T., **115** 161
Milligan, E.D., see Ledeboer, A., **115** 71
Moric, M., see Kudel, I., **115** 214

Morley, S., Davies, C., Barton, S., Possible selves in chronic pain: self-pain enmeshment, adjustment and acceptance, **115** 84
Morriss, R., see Chiu, Y.H., **115** 316
Mota, P.M., see Howard, R.F., **115** 382

Nagle, B., see Galer, B.S., **115** 284
Naliboff, B.D., see Mayer, E.A., **115** 398
Nguyen, H.O.X., see King, E.W., **115** 364
Niederberger, E., see Schmidtko, A., **115** 171
Nielsen, J., see Lautenbacher, S., **115** 410
Niemi-Murola, L., see Pöyhiä, R., **115** 234

Oaklander, A.L., Dey, D., Landrum, O., Response to Letter by Dr Yezierski and Vierck, **115** 420
Oerlemans, H.M., see Vaneker, M., **115** 204

Padovani, A., see Lauria, G., **115** 332
Paquet, C., Kergoat, M.-J., Dubé, L., The role of everyday emotion regulation on pain in hospitalized elderly: Insights from a prospective within-day assessment, **115** 355
Parada, C.A., Reichling, D.B., Levine, J.D., Corrigendum to "Chronic hyperalgesic priming in the rat involves a novel interaction between cAMP and PKCε second messenger pathways" [Pain 113 (2005) 185–190], **115** 223
Pari, G., see Aloisi, A.M., **115** 142
Pauers, L.E., see Breese, N.M., **115** 37
Paulesu, L., see Aloisi, A.M., **115** 142
Penza, P., see Lauria, G., **115** 332
Peretz, C., see Defrin, R., **115** 152
Pérez, J., see Chevalier, S., **115** 213
Peters, C.M., see Sevcik, M.A., **115** 128
Petronis, J., see Williams, K.A., **115** 107
Pogatzki-Zahn, E.M., Shimizu, I., Caterina, M., Raja, S.N., Heat hyperalgesia after incision requires TRPV1 and is distinct from pure inflammatory pain, **115** 296
Pöyhiä, R., Niemi-Murola, L., Kalso, E., The outcome of pain related undergraduate teaching in Finnish medical faculties, **115** 234
Price, D.D., see Vase, L., **115** 338
Pukall, C.F., Strigo, I.A., Binik, Y.M., Amsel, R., Khalifé, S., Bushnell, M.C., Neural correlates of painful genital touch in women with vulvar vestibulitis syndrome, **115** 118

Raja, S.N., see Pogatzki-Zahn, E.M., **115** 296
Ravi, N., see Williams, K.A., **115** 107
Ray, D., see Chiu, Y.H., **115** 316
Reichling, D.B., see Dina, O.A., **115** 191
Reichling, D.B., see Parada, C.A., **115** 223
Robinson, M.E., see Vase, L., **115** 338
Rocco, A.G., Comment on: Abnormal contralateral pain responses from an intradermal injection of phenylephrine in a subset of patients with complex regional pain syndrome (CRPS), Mailis-Gagnon and Bennet, **115** 213
Rodrigues, A.C., Verne, G.N., Schmidt, S., Mauderli, A.P., Hypersensitivity to cutaneous thermal nociceptive stimuli in irritable bowel syndrome, **115** 5
Rolke, R., see Klein, T., **115** 227
Rothstein, J.D., see Liaw, W.-J., **115** 60
Ruth, P., see Schmidtko, A., **115** 171

Samuelsson, M., Leffler, A.-S., Hansson, P., Dynamic mechanical allodynia: On the relationship between temporo-spatial stimulus parameters and evoked pain in patients with peripheral neuropathy, **115** 264
Sapelli, P., see Lauria, G., **115** 332
Schlagheck, T.G., see Galer, B.S., **115** 284
Schmidt, S., see Rodrigues, A.C., **115** 5
Schmidtko, A., Del Turco, D., Coste, O., Ehnert, C., Niederberger, E., Ruth, P., Deller, T., Geisslinger, G., Tegeder, I., Essential role of the synaptic vesicle protein synapsin II in formalin-induced hyperalgesia and glutamate release in the spinal cord, **115** 171
Schrombges, P., see Vaneker, M., **115** 204
Schwenkreis, P., Maier, C., Tegenthoff, M., Motor cortex disinhibition in complex regional pain syndrome (CRPS)—a unilateral or bilateral phenomenon?, **115** 219
Senba, E., see Yasuda, T., **115** 161
Sepkuty, J.P., see Liaw, W.-J., **115** 60
Sevcik, M.A., Ghilardi, J.R., Peters, C.M., Lindsay, T.H., Halvorson, K.G., Jonas, B.M., Kubota, K., Kuskowski, M.A., Boustany, L., Shelton, D.L., Mantyh, P.W., Anti-NGF therapy profoundly reduces bone cancer pain and the accompanying increase in markers of peripheral and central sensitization, **115** 128
Shapiro, H., Letter to the Editor regarding Perez et al., Dietary fat and protein interact in suppressing neuropathic pain-related disorders following a partial sciatic ligation injury in rats, **115** 212
Shavit, Y., Wolf, G., Goshen, I., Livshits, D., Yirmiya, R., Interleukin-1 antagonizes morphine analgesia and underlies morphine tolerance, **115** 50
Shelton, D.L., see Sevcik, M.A., **115** 128
Shi, X., see Li, X., **115** 182
Shimizu, I., see Pogatzki-Zahn, E.M., **115** 296
Shir, Y., see Chevalier, S.é., **115** 213
Silman, A.J., see Chiu, Y.H., **115** 316
Sloane, E.M., see Ledeboer, A., **115** 71
Sluka, K.A., see King, E.W., **115** 364
Smith, D., see Williams, K.A., **115** 107
Sokolik, A., see Granovsky, Y., **115** 238
Steinberg, L., see Williams, K.A., **115** 107
Stephens Jr., R.L., see Liaw, W.-J., **115** 60
Strate, P., see Lautenbacher, S., **115** 410
Strigo, I.A., see Pukall, C.F., **115** 118
Strojek, K., see Freynhagen, R., **115** 254
Stucky, C.L., see Breese, N.M., **115** 37
Stypulkowska, J., see Kaczmarzyk, T., **115** 348
Suyenobu, B., see Mayer, E.A., **115** 398

Tao, Y.-X., see Liaw, W.-J., **115** 60
Tegeder, I., see Schmidtko, A., **115** 171
Tegenthoff, M., see Schwenkreis, P., **115** 219
Thorn, B.E., see Dixon, K.E., **115** 222
Treede, R.-D., see Klein, T., **115** 227
Tu, D., see Gilron, I., **115** 219
Turunen, J.H.O., Mäntyselkä, P.T., Kumpusalo, E.A., Ahonen, R.S., Frequent analgesic use at population level: Prevalence and patterns of use, **115** 374

Van den Bussche, E., Goubert, L., Crombez, G., Response to Dr Kudel's Letter to the Editor, **115** 216
Vaneker, M., Wilder-Smith, O.H.G., Schrombges, P., de Man-Hermsen, I., Oerlemans, H.M., Patients initially diagnosed as 'warm' or 'cold' CRPS 1 show differences in central sensory processing some eight years after diagnosis: a quantitative sensory testing study, **115** 204
Vase, L., Robinson, M.E., Verne, G.N., Price, D.D., Increased placebo analgesia over time in irritable bowel syndrome (IBS) patients is associated with desire and expectation but not endogenous opioid mechanisms, **115** 338
Vecchi, I., see Aloisi, A.M., **115** 142
Verne, G.N., see Rodrigues, A.C., **115** 5
Verne, G.N., see Vase, L., **115** 338
Vierck, C., see Yezierski, R.P., **115** 419

Wacnik, P.W., Baker, C.M., Herron, M.J., Kren, B.T., Blazar, B.R., Wilcox, G.L., Hordinsky, M.K., Beitz, A.J., Ericson, M.E., Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered

innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115** 95
Wager, T.D., Expectations and anxiety as mediators of placebo effects in pain, **115** 225
Walker, S.M., see Howard, R.F., **115** 382
Ward, L.C., see Dixon, K.E., **115** 222
Watkins, L.R., see Ledeboer, A., **115** 71
Whalen, Ed., see Freynhagen, R., **115** 254
Wilcox, G.L., see Wacnik, P.W., **115** 95
Wilder-Smith, O.H.G., see Vaneker, M., **115** 204
Williams, K.A., Petronis, J., Smith, D., Goodrich, D., Wu, J., Ravi, N., Doyle Jr., E.J., Juckett, R.G., Kolar, M.M., Gross, R., Steinberg, L., Effect of Iyengar yoga therapy for chronic low back pain, **115** 107
Wolf, G., see Shavit, Y., **115** 50
Wu, J., see Williams, K.A., **115** 107
Yasuda, T., Miki, S., Yoshinaga, N., Senba, E., Effects of amitriptyline and gabapentin on bilateral hyperalgesia observed in an animal model of unilateral axotomy, **115** 161
Yeh, J., see Dina, O.A., **115** 191
Yezierski, R.P., Vierck, C., Comment on: Central neuropathic itch from spinal-cord cavernous hemangioma: A human case, a possible animal model, and hypotheses about pathogenesis, Dey et al., Pain 113 (2005) 233-237, **115** 419
Yirmiya, R., see Shavit, Y., **115** 50
Yoshinaga, N., see Yasuda, T., **115** 161
Yudashkin, M., see Eisenberg, E., **115** 220

Zelman, D.C., Dukes, E., Brandenburg, N., Bostrom, A., Gore, M., Identification of cut-points for mild, moderate and severe pain due to diabetic peripheral neuropathy, **115** 29

PAIN

Pain 115 (2005) 427–433

www.elsevier.com/locate/pain

Subject Index to Volume 115 (2005)

Acceptance
Possible selves in chronic pain: self-pain enmeshment, adjustment and acceptance, **115**, 84
Acute pain
The outcome of pain related undergraduate teaching in Finnish medical faculties, **115**, 234
Adrenergic
Transcutaneous electrical nerve stimulation activates peripherally located alpha-2A adrenergic receptors, **115**, 364
Age
Age effects on pain thresholds, temporal summation and spatial summation of heat and pressure pain, **115**, 410
Allodynia
Anti-migraine action of triptans is preceded by transient aggravation of headache caused by activation of meningeal nociceptors, **115**, 21
Allodynia
Human surrogate models of neuropathic pain, **115**, 227
Allodynia
Neural correlates of painful genital touch in women with vulvar vestibulitis syndrome, **115**, 118
Amitriptyline
Effects of amitriptyline and gabapentin on bilateral hyperalgesia observed in an animal model of unilateral axotomy, **115**, 161
AMPA
Heat hyperalgesia after incision requires TRPV1 and is distinct from pure inflammatory pain, **115**, 296
Analgesia
Interleukin-1 antagonizes morphine analgesia and underlies morphine tolerance, **115**, 50
Androgens
Gender-related effects of chronic non-malignant pain and opioid therapy on plasma levels of macrophage migration inhibitory factor (MIF), **115**, 142
Animal models
Human surrogate models of neuropathic pain, **115**, 227
ASIC
Peripheral inflammation selectively increases TRPV1 function in IB4-positive sensory neurons from adult mouse, **115**, 37
Assessment
How accurate are parental chronic pain histories provided by offspring?, **115**, 390
Axotomy
Effects of amitriptyline and gabapentin on bilateral hyperalgesia observed in an animal model of unilateral axotomy, **115**, 161
Back pain
A 3-year follow-up of a multidisciplinary rehabilitation programme for back and neck pain, **115**, 273
Back pain
Effect of Iyengar yoga therapy for chronic low back pain, **115**, 107
Behavioral psychology
Implicit operant learning of pain sensitization, **115**, 12
Bilateral hyperalgesia
Effects of amitriptyline and gabapentin on bilateral hyperalgesia observed in an animal model of unilateral axotomy, **115**, 161
Biomechanics
In vivo study of nerve movement and mechanosensitivity of the median nerve in whiplash and non-specific arm pain patients, **115**, 248
Blood–brain barrier
Where do triptans act in the treatment of migraine?, **115**, 1
Brain activation
Differences in brain responses to visceral pain between patients with irritable bowel syndrome and ulcerative colitis, **115**, 398
Brain imaging
Neural correlates of painful genital touch in women with vulvar vestibulitis syndrome, **115**, 118
Brief pain inventory
Identification of cut-points for mild, moderate and severe pain due to diabetic peripheral neuropathy, **115**, 29
Brush-evoked allodynia
Dynamic mechanical allodynia: On the relationship between temporo-spatial stimulus parameters and evoked pain in patients with peripheral neuropathy, **115**, 264
Burning mouth syndrome
Trigeminal small-fiber sensory neuropathy causes burning mouth syndrome, **115**, 332
C fiber
Peripheral inflammation selectively increases TRPV1 function in IB4-positive sensory neurons from adult mouse, **115**, 37
Calcitonin gene-related peptide
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95
Cancer pain
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95
Capsaicin
Peripheral inflammation selectively increases TRPV1 function in IB4-positive sensory neurons from adult mouse, **115**, 37
Carrageenan
Transcutaneous electrical nerve stimulation activates peripherally located alpha-2A adrenergic receptors, **115**, 364
Caveolae
Primary afferent second messenger cascades interact with specific integrin subunits in producing inflammatory hyperalgesia, **115**, 191
CD31
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95
Central nociceptive sensitisation
Patients initially diagnosed as 'warm' or 'cold' CRPS 1 show differences in central sensory processing some eight years after diagnosis: a quantitative sensory testing study, **115**, 204
CGRP
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95

doi:10.1016/S0304-3959(05)00204-6

CGRP1 receptor antagonist
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95
Change in stage orientation
Stages of change in readiness to adopt a self-management approach to chronic pain: the moderating role of early-treatment stage progression in predicting outcome, **115**, 322
Cholesterol
Primary afferent second messenger cascades interact with specific integrin subunits in producing inflammatory hyperalgesia, **115**, 191
Chronic pain
How accurate are parental chronic pain histories provided by offspring?, **115**, 390
Chronic pain
Implicit operant learning of pain sensitization, **115**, 12
Chronic pain
Possible selves in chronic pain: self-pain enmeshment, adjustment and acceptance, **115**, 84
Chronic pain
Segmental noxious versus innocuous electrical stimulation for chronic pain relief and the effect of fading sensation during treatment, **115**, 152
Chronic pain
The outcome of pain related undergraduate teaching in Finnish medical faculties, **115**, 234
Chronic pain disease
Hypersensitivity to cutaneous thermal nociceptive stimuli in irritable bowel syndrome, **115**, 5
CK2
Spinal CK2 regulates nociceptive signaling in models of inflammatory pain, **115**, 182
Cognitive behaviour therapy
A 3-year follow-up of a multidisciplinary rehabilitation programme for back and neck pain, **115**, 273
Cognitive behavioural
A 3-year follow-up of a multidisciplinary rehabilitation programme for back and neck pain, **115**, 273
Cold
Patients initially diagnosed as 'warm' or 'cold' CRPS 1 show differences in central sensory processing some eight years after diagnosis: a quantitative sensory testing study, **115**, 204
Cost-effectiveness
A 3-year follow-up of a multidisciplinary rehabilitation programme for back and neck pain, **115**, 273
CRPS 1
Patients initially diagnosed as 'warm' or 'cold' CRPS 1 show differences in central sensory processing some eight years after diagnosis: a quantitative sensory testing study, **115**, 204
Curriculum
The outcome of pain related undergraduate teaching in Finnish medical faculties, **115**, 234
Cutaneous stimulus
Hypersensitivity to cutaneous thermal nociceptive stimuli in irritable bowel syndrome, **115**, 5
Cytoskeleton
Primary afferent second messenger cascades interact with specific integrin subunits in producing inflammatory hyperalgesia, **115**, 191
Depression
Poor sleep and depression are independently associated with a reduced pain threshold. Results of a population based study, **115**, 316
Depression
Possible selves in chronic pain: self-pain enmeshment, adjustment and acceptance, **115**, 84
Desire
Increased placebo analgesia over time in irritable bowel syndrome (IBS) patients is associated with desire and expectation but not endogenous opioid mechanisms, **115**, 338
Dextromethorphan
MorphiDex® (morphine sulfate/dextromethorphan hydrobromide combination) in the treatment of chronic pain: Three multicenter, randomized, double-blind, controlled clinical trials fail to demonstrate enhanced opioid analgesia or reduction in tolerance, **115**, 284
Diabetic neuropathy
Efficacy of pregabalin in neuropathic pain evaluated in a 12-week, randomised, double-blind, multicentre, placebo-controlled trial of flexible- and fixed-dose regimens, **115**, 254
Diabetic peripheral neuropathy
Identification of cut-points for mild, moderate and severe pain due to diabetic peripheral neuropathy, **115**, 29
Dosing
Efficacy of pregabalin in neuropathic pain evaluated in a 12-week, randomised, double-blind, multicentre, placebo-controlled trial of flexible- and fixed-dose regimens, **115**, 254
DsRed2
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95
Dynamic mechanical allodynia
Dynamic mechanical allodynia: On the relationship between temporo-spatial stimulus parameters and evoked pain in patients with peripheral neuropathy, **115**, 264
Dyspareunia
Neural correlates of painful genital touch in women with vulvar vestibulitis syndrome, **115**, 118
Elderly
The role of everyday emotion regulation on pain in hospitalized elderly: Insights from a prospective within-day assessment, **115**, 355
Emotion regulation
The role of everyday emotion regulation on pain in hospitalized elderly: Insights from a prospective within-day assessment, **115**, 355
Endothelial cells
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95
Epithelial nerve fibers
Trigeminal small-fiber sensory neuropathy causes burning mouth syndrome, **115**, 332
Estrogens
Gender-related effects of chronic non-malignant pain and opioid therapy on plasma levels of macrophage migration inhibitory factor (MIF), **115**, 142
Evoked potentials
Thermoreceptive innervation of human glabrous and hairy skin: a contact heat evoked potential analysis, **115**, 238
Excitatory behavioral response
Spinal glutamate uptake is critical for maintaining normal sensory transmission in rat spinal cord, **115**, 60
Expectation
Increased placebo analgesia over time in irritable bowel syndrome (IBS) patients is associated with desire and expectation but not endogenous opioid mechanisms, **115**, 338
Experimental pain
Age effects on pain thresholds, temporal summation and spatial summation of heat and pressure pain, **115**, 410
Extracellular Matrix
Primary afferent second messenger cascades interact with specific integrin subunits in producing inflammatory hyperalgesia, **115**, 191
Extrasegmental
Segmental noxious versus innocuous electrical stimulation for chronic pain relief and the effect of fading sensation during treatment, **115**, 152
Family history
How accurate are parental chronic pain histories provided by offspring?, **115**, 390

Fibrosarcoma
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95
Filament-prick pain detection threshold
Tactile and pain thresholds in the intra- and extra-oral regions of symptom-free subjects, **115**, 308
Functional disability
Effect of Iyengar yoga therapy for chronic low back pain, **115**, 107
Gabapentin
Effects of amitriptyline and gabapentin on bilateral hyperalgesia observed in an animal model of unilateral axotomy, **115**, 161
Gender
A 3-year follow-up of a multidisciplinary rehabilitation programme for back and neck pain, **115**, 273
Gender
Gender-related effects of chronic non-malignant pain and opioid therapy on plasma levels of macrophage migration inhibitory factor (MIF), **115**, 142
Gender
Tactile and pain thresholds in the intra- and extra-oral regions of symptom-free subjects, **115**, 308
Glutamate release
Spinal glutamate uptake is critical for maintaining normal sensory transmission in rat spinal cord, **115**, 60
Glutamate transporter
Spinal glutamate uptake is critical for maintaining normal sensory transmission in rat spinal cord, **115**, 60
gp120
Minocycline attenuates mechanical allodynia and proinflammatory cytokine expression in rat models of pain facilitation, **115**, 71
Headache
Anti-migraine action of triptans is preceded by transient aggravation of headache caused by activation of meningeal nociceptors, **115**, 21
Heat pain
Age effects on pain thresholds, temporal summation and spatial summation of heat and pressure pain, **115**, 410
Heat pain
Thermoreceptive innervation of human glabrous and hairy skin: a contact heat evoked potential analysis, **115**, 238
Hopelessness
Possible selves in chronic pain: self-pain enmeshment, adjustment and acceptance, **115**, 84
HPA and HPG axis
Gender-related effects of chronic non-malignant pain and opioid therapy on plasma levels of macrophage migration inhibitory factor (MIF), **115**, 142
Human
Thermoreceptive innervation of human glabrous and hairy skin: a contact heat evoked potential analysis, **115**, 238
Hyperalgesia
Human surrogate models of neuropathic pain, **115**, 227
Hyperalgesia
Interleukin-1 antagonizes morphine analgesia and underlies morphine tolerance, **115**, 50
Immunity
Gender-related effects of chronic non-malignant pain and opioid therapy on plasma levels of macrophage migration inhibitory factor (MIF), **115**, 142
Implicit learning
Implicit operant learning of pain sensitization, **115**, 12
Inflammation
Assessment of the effectiveness of peripheral administration of morphine with local articaine anaesthesia for surgery in inflamed oral and maxillofacial tissues, **115**, 348
Inflammation
Primary afferent second messenger cascades interact with specific integrin subunits in producing inflammatory hyperalgesia, **115**, 191
Inflammation
Transcutaneous electrical nerve stimulation activates peripherally located alpha-2A adrenergic receptors, **115**, 364
Inflammatory pain
Spinal CK2 regulates nociceptive signaling in models of inflammatory pain, **115**, 182
Institution
The role of everyday emotion regulation on pain in hospitalized elderly: Insights from a prospective within-day assessment, **115**, 355
Interferential
Segmental noxious versus innocuous electrical stimulation for chronic pain relief and the effect of fading sensation during treatment, **115**, 152
Interleukin-1
Interleukin-1 antagonizes morphine analgesia and underlies morphine tolerance, **115**, 50
Interleukin-1
Minocycline attenuates mechanical allodynia and proinflammatory cytokine expression in rat models of pain facilitation, **115**, 71
Interleukin-1 receptor antagonist (IL-1ra)
Interleukin-1 antagonizes morphine analgesia and underlies morphine tolerance, **115**, 50
Intrathecal injection
Spinal glutamate uptake is critical for maintaining normal sensory transmission in rat spinal cord, **115**, 60
Irritable bowel syndrome
Hypersensitivity to cutaneous thermal nociceptive stimuli in irritable bowel syndrome, **115**, 5
Joint
Transcutaneous electrical nerve stimulation activates peripherally located alpha-2A adrenergic receptors, **115**, 364
Lagged relationships
Stages of change in readiness to adopt a self-management approach to chronic pain: the moderating role of early-treatment stage progression in predicting outcome, **115**, 322
Local anaesthesia
Assessment of the effectiveness of peripheral administration of morphine with local articaine anaesthesia for surgery in inflamed oral and maxillofacial tissues, **115**, 348
Maxillofacial surgery
Assessment of the effectiveness of peripheral administration of morphine with local articaine anaesthesia for surgery in inflamed oral and maxillofacial tissues, **115**, 348
Mechanical allodynia
Minocycline attenuates mechanical allodynia and proinflammatory cytokine expression in rat models of pain facilitation, **115**, 71
Mechanical allodynia
The ontogeny of neuropathic pain: Postnatal onset of mechanical allodynia in rat spared nerve injury (SNI) and chronic constriction injury (CCI) models, **115**, 382
Mechanosensitivity
In vivo study of nerve movement and mechanosensitivity of the median nerve in whiplash and non-specific arm pain patients, **115**, 248
Median nerve
In vivo study of nerve movement and mechanosensitivity of the median nerve in whiplash and non-specific arm pain patients, **115**, 248
Metastasis
Anti-NGF therapy profoundly reduces bone cancer pain and the accompanying increase in markers of peripheral and central sensitization, **115**, 128
Microdialysis
Essential role of the synaptic vesicle protein synapsin II in formalin-induced hyperalgesia and glutamate release in the spinal cord, **115**, 171

Microdialysis
Spinal glutamate uptake is critical for maintaining normal sensory transmission in rat spinal cord, **115**, 60
Microelectrode
Spinal glutamate uptake is critical for maintaining normal sensory transmission in rat spinal cord, **115**, 60
Microglia
Minocycline attenuates mechanical allodynia and proinflammatory cytokine expression in rat models of pain facilitation, **115**, 71
Migraine
Anti-migraine action of triptans is preceded by transient aggravation of headache caused by activation of meningeal nociceptors, **115**, 21
Migraine
Where do triptans act in the treatment of migraine?, **115**, 1
Morphine
Assessment of the effectiveness of peripheral administration of morphine with local articaine anaesthesia for surgery in inflamed oral and maxillofacial tissues, **115**, 348
Morphine
Gender-related effects of chronic non-malignant pain and opioid therapy on plasma levels of macrophage migration inhibitory factor (MIF), **115**, 142
Morphine
MorphiDex® (morphine sulfate/dextromethorphan hydrobromide combination) in the treatment of chronic pain: Three multicenter, randomized, double-blind, controlled clinical trials fail to demonstrate enhanced opioid analgesia or reduction in tolerance, **115**, 284
Morphine tolerance
Interleukin-1 antagonizes morphine analgesia and underlies morphine tolerance, **115**, 50
Multidisciplinary intervention
A 3-year follow-up of a multidisciplinary rehabilitation programme for back and neck pain, **115**, 273
Naloxone
Increased placebo analgesia over time in irritable bowel syndrome (IBS) patients is associated with desire and expectation but not endogenous opioid mechanisms, **115**, 338
Neck pain
A 3-year follow-up of a multidisciplinary rehabilitation programme for back and neck pain, **115**, 273
Nerves
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95
Neuropathic pain
Dynamic mechanical allodynia: On the relationship between temporospatial stimulus parameters and evoked pain in patients with peripheral neuropathy, **115**, 264
Neuropathic pain
Efficacy of pregabalin in neuropathic pain evaluated in a 12-week, randomised, double-blind, multicentre, placebo-controlled trial of flexible- and fixed-dose regimens, **115**, 254
Neuropathic pain
Identification of cut-points for mild, moderate and severe pain due to diabetic peripheral neuropathy, **115**, 29
Neuropathic pain
The ontogeny of neuropathic pain: Postnatal onset of mechanical allodynia in rat spared nerve injury (SNI) and chronic constriction injury (CCI) models, **115**, 382
NGF
Anti-NGF therapy profoundly reduces bone cancer pain and the accompanying increase in markers of peripheral and central sensitization, **115**, 128
NMDA
Heat hyperalgesia after incision requires TRPV1 and is distinct from pure inflammatory pain, **115**, 296
N-methyl-D-aspartate receptor antagonist
MorphiDex® (morphine sulfate/dextromethorphan hydrobromide combination) in the treatment of chronic pain: Three multicenter, randomized, double-blind, controlled clinical trials fail to demonstrate enhanced opioid analgesia or reduction in tolerance, **115**, 284
Nociception
Anti-NGF therapy profoundly reduces bone cancer pain and the accompanying increase in markers of peripheral and central sensitization, **115**, 128
Nociceptor
Peripheral inflammation selectively increases TRPV1 function in IB4-positive sensory neurons from adult mouse, **115**, 37
Nociceptors
Anti-migraine action of triptans is preceded by transient aggravation of headache caused by activation of meningeal nociceptors, **115**, 21
Nociceptors
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95
Non-specific arm pain
In vivo study of nerve movement and mechanosensitivity of the median nerve in whiplash and non-specific arm pain patients, **115**, 248
Operant conditioning
Implicit operant learning of pain sensitization, **115**, 12
Opiates
Interleukin-1 antagonizes morphine analgesia and underlies morphine tolerance, **115**, 50
Opioid
Assessment of the effectiveness of peripheral administration of morphine with local articaine anaesthesia for surgery in inflamed oral and maxillofacial tissues, **115**, 348
Opioid tolerance
MorphiDex® (morphine sulfate/dextromethorphan hydrobromide combination) in the treatment of chronic pain: Three multicenter, randomized, double-blind, controlled clinical trials fail to demonstrate enhanced opioid analgesia or reduction in tolerance, **115**, 284
Opioids
Increased placebo analgesia over time in irritable bowel syndrome (IBS) patients is associated with desire and expectation but not endogenous opioid mechanisms, **115**, 338
Oral surgery
Assessment of the effectiveness of peripheral administration of morphine with local articaine anaesthesia for surgery in inflamed oral and maxillofacial tissues, **115**, 348
Outcome
Stages of change in readiness to adopt a self-management approach to chronic pain: the moderating role of early-treatment stage progression in predicting outcome, **115**, 322
Pain
Anti-migraine action of triptans is preceded by transient aggravation of headache caused by activation of meningeal nociceptors, **115**, 21
Pain
Effect of Iyengar yoga therapy for chronic low back pain, **115**, 107
Pain
Essential role of the synaptic vesicle protein synapsin II in formalin-induced hyperalgesia and glutamate release in the spinal cord, **115**, 171
Pain
Frequent analgesic use at population level: Prevalence and patterns of use, **115**, 374
Pain
How accurate are parental chronic pain histories provided by offspring?, **115**, 390
Pain
Hypersensitivity to cutaneous thermal nociceptive stimuli in irritable bowel syndrome, **115**, 5

Pain
Patients initially diagnosed as 'warm' or 'cold' CRPS 1 show differences in central sensory processing some eight years after diagnosis: a quantitative sensory testing study, **115**, 204
Pain
Spinal glutamate uptake is critical for maintaining normal sensory transmission in rat spinal cord, **115**, 60
Pain
Transcutaneous electrical nerve stimulation activates peripherally located alpha-2A adrenergic receptors, **115**, 364
Pain
Trigeminal small-fiber sensory neuropathy causes burning mouth syndrome, **115**, 332
Pain
Where do triptans act in the treatment of migraine?, **115**, 1
Pain assessment
Identification of cut-points for mild, moderate and severe pain due to diabetic peripheral neuropathy, **115**, 29
Pain descriptors
Dynamic mechanical allodynia: On the relationship between temporo-spatial stimulus parameters and evoked pain in patients with peripheral neuropathy, **115**, 264
Pain education
The outcome of pain related undergraduate teaching in Finnish medical faculties, **115**, 234
Pain intensity
Identification of cut-points for mild, moderate and severe pain due to diabetic peripheral neuropathy, **115**, 29
Pain interference
Identification of cut-points for mild, moderate and severe pain due to diabetic peripheral neuropathy, **115**, 29
Pain questionnaires
Human surrogate models of neuropathic pain, **115**, 227
Pain sensetization
Hypersensitivity to cutaneous thermal nociceptive stimuli in irritable bowel syndrome, **115**, 5
Pain threshold
Poor sleep and depression are independently associated with a reduced pain threshold. Results of a population based study, **115**, 316
Parental history
How accurate are parental chronic pain histories provided by offspring?, **115**, 390
Peripheral morphine anaesthesia
Assessment of the effectiveness of peripheral administration of morphine with local articaine anaesthesia for surgery in inflamed oral and maxillofacial tissues, **115**, 348
PET
Differences in brain responses to visceral pain between patients with irritable bowel syndrome and ulcerative colitis, **115**, 398
PGP 9.5
Trigeminal small-fiber sensory neuropathy causes burning mouth syndrome, **115**, 332
PGP9.5
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95
Pharmacoepidemiology
Frequent analgesic use at population level: Prevalence and patterns of use, **115**, 374
Phosphorylation
Spinal CK2 regulates nociceptive signaling in models of inflammatory pain, **115**, 182
Physiotherapy
A 3-year follow-up of a multidisciplinary rehabilitation programme for back and neck pain, **115**, 273
Placebo
Increased placebo analgesia over time in irritable bowel syndrome (IBS) patients is associated with desire and expectation but not endogenous opioid mechanisms, **115**, 338
Population survey
Frequent analgesic use at population level: Prevalence and patterns of use, **115**, 374
Post-graduate medical studies
The outcome of pain related undergraduate teaching in Finnish medical faculties, **115**, 234
Postherpetic neuralgia
Efficacy of pregabalin in neuropathic pain evaluated in a 12-week, randomised, double-blind, multicentre, placebo-controlled trial of flexible- and fixed-dose regimens, **115**, 254
Postnatal development
The ontogeny of neuropathic pain: Postnatal onset of mechanical allodynia in rat spared nerve injury (SNI) and chronic constriction injury (CCI) models, **115**, 382
Postoperative pain
Heat hyperalgesia after incision requires TRPV1 and is distinct from pure inflammatory pain, **115**, 296
Pregabalin
Efficacy of pregabalin in neuropathic pain evaluated in a 12-week, randomised, double-blind, multicentre, placebo-controlled trial of flexible- and fixed-dose regimens, **115**, 254
Pressure pain
Age effects on pain thresholds, temporal summation and spatial summation of heat and pressure pain, **115**, 410
Pressure pain threshold
Tactile and pain thresholds in the intra- and extra-oral regions of symptom-free subjects, **115**, 308
Pressure pain thresholds
Patients initially diagnosed as 'warm' or 'cold' CRPS 1 show differences in central sensory processing some eight years after diagnosis: a quantitative sensory testing study, **115**, 204
Pressure pain tolerance detection threshold
Tactile and pain thresholds in the intra- and extra-oral regions of symptom-free subjects, **115**, 308
Pre-treatment stage
Stages of change in readiness to adopt a self-management approach to chronic pain: the moderating role of early-treatment stage progression in predicting outcome, **115**, 322
Primary afferent
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95
Primary hyperalgesia
Heat hyperalgesia after incision requires TRPV1 and is distinct from pure inflammatory pain, **115**, 296
Protons
Peripheral inflammation selectively increases TRPV1 function in IB4-positive sensory neurons from adult mouse, **115**, 37
Psychological
Poor sleep and depression are independently associated with a reduced pain threshold. Results of a population based study, **115**, 316
Quantitative sensory testing
Human surrogate models of neuropathic pain, **115**, 227
Quantitative sensory testing
Patients initially diagnosed as 'warm' or 'cold' CRPS 1 show differences in central sensory processing some eight years after diagnosis: a quantitative sensory testing study, **115**, 204
Randomised controlled trial
A 3-year follow-up of a multidisciplinary rehabilitation programme for back and neck pain, **115**, 273

Receptor
Assessment of the effectiveness of peripheral administration of morphine with local articaine anaesthesia for surgery in inflamed oral and maxillofacial tissues, **115**, 348
Rehabilitation
A 3-year follow-up of a multidisciplinary rehabilitation programme for back and neck pain, **115**, 273
Reliability
How accurate are parental chronic pain histories provided by offspring?, **115**, 390
Reliability
Identification of cut-points for mild, moderate and severe pain due to diabetic peripheral neuropathy, **115**, 29
Repetitive strain injury
In vivo study of nerve movement and mechanosensitivity of the median nerve in whiplash and non-specific arm pain patients, **115**, 248
Return to work
A 3-year follow-up of a multidisciplinary rehabilitation programme for back and neck pain, **115**, 273
Saphenous nerve
Effects of amitriptyline and gabapentin on bilateral hyperalgesia observed in an animal model of unilateral axotomy, **115**, 161
Sciatic nerve
Effects of amitriptyline and gabapentin on bilateral hyperalgesia observed in an animal model of unilateral axotomy, **115**, 161
Segmental
Segmental noxious versus innocuous electrical stimulation for chronic pain relief and the effect of fading sensation during treatment, **115**, 152
Self
Possible selves in chronic pain: self-pain enmeshment, adjustment and acceptance, **115**, 84
Self-management
The role of everyday emotion regulation on pain in hospitalized elderly: Insights from a prospective within-day assessment, **115**, 355
Self-pain enmeshment
Possible selves in chronic pain: self-pain enmeshment, adjustment and acceptance, **115**, 84
Sensitization
Implicit operant learning of pain sensitization, **115**, 12
Sensory functioning
Neural correlates of painful genital touch in women with vulvar vestibulitis syndrome, **115**, 118
Sensory loss
Human surrogate models of neuropathic pain, **115**, 227
Sensory neuropathy
Trigeminal small-fiber sensory neuropathy causes burning mouth syndrome, **115**, 332
Serotonin receptor
Where do triptans act in the treatment of migraine?, **115**, 1
Skeletal malignancies
Anti-NGF therapy profoundly reduces bone cancer pain and the accompanying increase in markers of peripheral and central sensitization, **115**, 128
Skin
Thermoreceptive innervation of human glabrous and hairy skin: a contact heat evoked potential analysis, **115**, 238
Sleep
Efficacy of pregabalin in neuropathic pain evaluated in a 12-week, randomised, double-blind, multicentre, placebo-controlled trial of flexible- and fixed-dose regimens, **115**, 254
Sleep
Poor sleep and depression are independently associated with a reduced pain threshold. Results of a population based study, **115**, 316
Sleeping Beauty
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95
Somatic pain
Thermoreceptive innervation of human glabrous and hairy skin: a contact heat evoked potential analysis, **115**, 238
Spatial summation
Age effects on pain thresholds, temporal summation and spatial summation of heat and pressure pain, **115**, 410
Sphingomyelin
Primary afferent second messenger cascades interact with specific integrin subunits in producing inflammatory hyperalgesia, **115**, 191
Spinal cord
Essential role of the synaptic vesicle protein synapsin II in formalin-induced hyperalgesia and glutamate release in the spinal cord, **115**, 171
Spinal cord
Minocycline attenuates mechanical allodynia and proinflammatory cytokine expression in rat models of pain facilitation, **115**, 71
Spinal cord
Transcutaneous electrical nerve stimulation activates peripherally located alpha-2A adrenergic receptors, **115**, 364
Stereology
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95
Synaptic vesicle protein
Essential role of the synaptic vesicle protein synapsin II in formalin-induced hyperalgesia and glutamate release in the spinal cord, **115**, 171
Tactile detection threshold
Tactile and pain thresholds in the intra- and extra-oral regions of symptom-free subjects, **115**, 308
Temporal summation
Age effects on pain thresholds, temporal summation and spatial summation of heat and pressure pain, **115**, 410
TENS
Segmental noxious versus innocuous electrical stimulation for chronic pain relief and the effect of fading sensation during treatment, **115**, 152
TENS
Transcutaneous electrical nerve stimulation activates peripherally located alpha-2A adrenergic receptors, **115**, 364
Thermal hyperalgesia
Heat hyperalgesia after incision requires TRPV1 and is distinct from pure inflammatory pain, **115**, 296
Thermal sensation
Thermoreceptive innervation of human glabrous and hairy skin: a contact heat evoked potential analysis, **115**, 238
Thermal stimulus
Hypersensitivity to cutaneous thermal nociceptive stimuli in irritable bowel syndrome, **115**, 5
Tongue biopsy
Trigeminal small-fiber sensory neuropathy causes burning mouth syndrome, **115**, 332
Translational research
Human surrogate models of neuropathic pain, **115**, 227
Trigeminal
Anti-migraine action of triptans is preceded by transient aggravation of headache caused by activation of meningeal nociceptors, **115**, 21
Trigeminal ganglion
Where do triptans act in the treatment of migraine?, **115**, 1
Trigeminal neuropathy
Trigeminal small-fiber sensory neuropathy causes burning mouth syndrome, **115**, 332
Trigeminal sensory testing
Tactile and pain thresholds in the intra- and extra-oral regions of symptom-free subjects, **115**, 308
Tumor
Anti-NGF therapy profoundly reduces bone cancer pain and the accompanying increase in markers of peripheral and central sensitization, **115**, 128

Tumor
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95
Tumor necrosis factor
Minocycline attenuates mechanical allodynia and proinflammatory cytokine expression in rat models of pain facilitation, **115**, 71
Two-photon
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95
Ulcerative colitis
Differences in brain responses to visceral pain between patients with irritable bowel syndrome and ulcerative colitis, **115**, 398
Use of analgesics
Frequent analgesic use at population level: Prevalence and patterns of use, **115**, 374
Validity
Identification of cut-points for mild, moderate and severe pain due to diabetic peripheral neuropathy, **115**, 29
Vasculature
Tumor-induced mechanical hyperalgesia involves CGRP receptors and altered innervation and vascularization of DsRed2 fluorescent hindpaw tumors, **115**, 95
VR1
Heat hyperalgesia after incision requires TRPV1 and is distinct from pure inflammatory pain, **115**, 296
VR1
Peripheral inflammation selectively increases TRPV1 function in IB4-positive sensory neurons from adult mouse, **115**, 37
Vulvar vestibulitis syndrome
Neural correlates of painful genital touch in women with vulvar vestibulitis syndrome, **115**, 118
Vulvodynia
Neural correlates of painful genital touch in women with vulvar vestibulitis syndrome, **115**, 118
Warm
Patients initially diagnosed as 'warm' or 'cold' CRPS 1 show differences in central sensory processing some eight years after diagnosis: a quantitative sensory testing study, **115**, 204
Warm
Thermoreceptive innervation of human glabrous and hairy skin: a contact heat evoked potential analysis, **115**, 238
Whiplash
In vivo study of nerve movement and mechanosensitivity of the median nerve in whiplash and non-specific arm pain patients, **115**, 248
Yoga
Effect of Iyengar yoga therapy for chronic low back pain, **115**, 107